Get a Quote



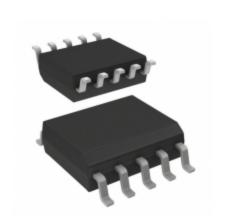


Image may be representation.

See specifications for product details.

VIPER222LSTR

Manufacturer Part Number VIPER222LSTR

Manufacturer STMicroelectronics

Allelco Part Number 32D-VIPER222LSTR

ECAD Model PCB Symbol, Footprint & 3D Mode

Parts Description IC OFFLINE SWITCH FLYBACK 10SSOP

VIPER222.pdf

Package 10-SOP (0.154", 3.90mm Width)

RoHs Status ROHS3 Compliant

Data sheet

VIPER222LSTR - STMicroelectronics.New Original in Stock. Download Linear Technology VIPER222LSTR datasheet/specifications on AllelcoElec.com. Request a quote for VIPER222LSTR, please send us email: info@allelco.com



Specifications

VIPER222LSTR Tech Specifications

VIPER222LSTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Isolation	Isolated
Voltage - Supply (Vcc/Vdd)	4.5V ~ 30V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Start Up	30 V	Mounting Type	Surface Mount
Voltage - Breakdown	730V	Internal Switch(s)	Yes
Topology	Flyback	Frequency - Switching	60kHz
Supplier Device Package	10-SSOP	Fault Protection	Current Limiting, Over Temperature, Over Voltage
Series	VIPER™	Duty Cycle	80%
Power (Watts)	13 W	Control Features	-
Package / Case	10-SOP (0.154", 3.90mm Width)	Base Product Number	VIPER222
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VIPER222LSTR

Product Attributes VIREAZZASTR STIMETOSCORRATES STIMETOSCORRATES STIMETOSCORRATES STIMETOSCORRATES STIMETOSCORRATES STIMETOSCORRATES VIREAZZASTR VIREAZZASTR <th></th> <th></th> <th></th> <th></th> <th></th>					
Manufacturer STMicroelectorics 20 W PSTMicroelectorics 20 W 20 W 20 W PSTMicroelectorics 20 W 20 W <	Product Attribute	PHA	PAR	WIND STATE OF THE	WIND THE REAL PROPERTY OF THE PARTY OF THE P
Power (Watts) 13 W 13 W 12 W 20 W Dury Cycle 89% - - - Series VPER** VPER** VPER** VPER** Voltage - Supply (Vcc/Vdd) 4.5V ~ 30V 4.5V ~ 30V 8V ~ 38V 8V ~ 15V Control Features - - - - Frequency - Switching 68Hz 200Hz 60Hz 00Hz 00Hz Output Isolation Isolated Modered 60Hz 00Hz 00Hz Base Product Number VPER222 VPER222 VPER222 VPER22 VPER22 Topology Pyback Pyback Pyback Pyback Pyback Voltage - Breakfolown 230V 230V 730V 700V Woltage - Start Up 30 V 30 V 14.5 V 11 V Mounting Type Surface Mount 40°C ~ 150°C (TI) 40°C	Part Number	VIPER222LSTR	VIPER222XSTR	VIPER22ADIP	VIPER20ADIP-E
Duty Cycle 80% 80% -	Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Series VIPER" VIPER "OUT OF THE PREVIOUS OF T	Power (Watts)	13 W	13 W	12 W	20 W
Voltage - Supply (Vcc/Vdd) 4.5V ~ 30V 4.5V ~ 30V 6V ~ 38V 8V ~ 15V Control Features -	Duty Cycle	80%	80%	-	-
Control Features - - - - Frequency - Switching 60kHz 20kHz 60kHz Up to 200kHz Output Isolation Isolated Isolated Isolated Isolated Base Product Number VIPER222 VIPER222 VIPER222 VIPER222 VIPER20 Topology Fyback Fyback Fyback Flyback Flyback Flyback Voltage - Breakdown 730V 730V 730V 70V 70V Voltage - Start Up 30 V 30 V 11,5 V 11 V Mounting Type Surface Mount Through Hole Through Hole Through Hole Operating Temperature -40°C ~ 150°C (TI) -40°C ~ 150°C (TC) - Fault Protection Current Limiting, Over Temperature, Over Voltage Current Limiting, Over Temperature, Over Voltage Current Limiting, Over Temperature Supplier Device Package 110-SSOP 8-DIP 8-DIP Internal Switch(s) Yes Yes Yes Package Tape & Real (TR) Tape & Real (TR)	Series	VIPER™	VIPER™	VIPER™	VIPER™
Frequency - Switching 66lkHz 30kHz 66lkHz 10p to 200kHz 10clute 1 solated 1	Voltage - Supply (Vcc/Vdd)	4.5V ~ 30V	4.5V ~ 30V	8V ~ 38V	8V ~ 15V
Output Isolation Isolated Integorate Integory Integory Integory Integory Integory Integory Isolated Isolat	Control Features	-	-	-	-
Base Product Number VIPER222 VIPER22 VIPER222 VIPER22 VIPER222 VIPER222 VIPER22	Frequency - Switching	60kHz	30kHz	60kHz	Up to 200kHz
Topology Flyback Flyba	Output Isolation	Isolated	Isolated	Isolated	Isolated
Voltage - Breakdown 730V 730V 700V Voltage - Start Up 30 V 14.5 V 11 V Mounting Type Surface Mount Surface Mount Through Hole Through Hole Operating Temperature -40°C ~ 150°C (TI) -40°C ~ 150°C (TC) - Fault Protection Current Limiting, Over Temperature, Over Voltage B-DIP Internal Switch(s) Yes Yes Yes Yes Package Tape & Reel (TR) Tape & Reel (TR) Tube Tube	Base Product Number	VIPER222	VIPER222	VIPER22	VIPER20
Voltage - Start Up 30 V 14.5 V 11 V Mounting Type Surface Mount Surface Mount Through Hole Through Hole Operating Temperature -40°C ~ 150°C (TJ) -40°C ~ 150°C (TJ) -40°C ~ 150°C (TC) - Fault Protection Current Limiting, Over Temperature, Over Voltage Supplier Device Package 8-DIP Internal Switch(s) Yes Yes Yes Yes Package Tape & Reel (TR) Tube Tube	Topology	Flyback	Flyback	Flyback	Flyback
Mounting Type Surface Mount Surface Mount Through Hole Through Hole Operating Temperature -40°C ~ 150°C (TJ) -40°C ~ 150°C (TD) -40°C ~ 150°C (TC) - Fault Protection Current Limiting, Over Temperature, Over Voltage Current Limiting, Over Temperature, Over Voltage Current Limiting, Over Temperature Supplier Device Package 10-SSOP 8-DIP 8-DIP Internal Switch(s) Yes Yes Yes Package Tape & Reel (TR) Tube Tube	Voltage - Breakdown	730V	730V	730V	700V
Operating Temperature -40°C ~ 150°C (TJ) -40°C ~ 150°C (TC) -40	Voltage - Start Up	30 V	30 V	14.5 V	11 V
Fault Protection Current Limiting, Over Temperature, Over Voltage 8-DIP Internal Switch(s) Yes Yes Yes Tape & Reel (TR) Tube Tube	Mounting Type	Surface Mount	Surface Mount	Through Hole	Through Hole
Supplier Device Package 10-SSOP 10-SSOP 8-DIP 8-DIP Internal Switch(s) Yes Yes Yes Tube Package Tape & Reel (TR) Tube	Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TC)	-
Internal Switch(s) Yes Yes Yes Yas Yes Tape & Reel (TR) Tube Tube	Fault Protection	Current Limiting, Over Temperature, Over Voltage	Current Limiting, Over Temperature, Over Voltage	Current Limiting, Over Temperature, Over Voltage	Current Limiting, Over Temperature
Package Tape & Reel (TR) Tape & Reel (TR) Tube Tube	Supplier Device Package	10-SSOP	10-SSOP	8-DIP	8-DIP
	Internal Switch(s)	Yes	Yes	Yes	Yes
Package / Case 10-SOP (0.154", 3.90mm Width) 8-DIP (0.300", 7.62mm)	Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
	Package / Case	10-SOP (0.154", 3.90mm Width)	10-SOP (0.154", 3.90mm Width)	8-DIP (0.300', 7.62mm)	8-DIP (0.300", 7.62mm)

▼ VIPER222LSTR Datasheet PDF

Download VIPER222LSTR pdf datasheets and STMicroelectronics documentation for VIPER222LSTR - STMicroelectronics.

Datasheets



VIPER222.pdf

PCN Packaging



Material Barrier Bag 17/Dec/2020.pdf

Customers Also Interested in

















STMicroelectronics



STMicroelectronics



LINKAGE

VIPER222XSTR

10SSOP

STMicroelectronics STMicroelectronics IC OFFLINE SWITCH FLYBACK

VIPER22ADTR-E

STMicroelectronics IC OFFLINE SWITCH FLYBACK 8DIP

VIPER22ADIP







STMicroelectronics

IC OFFLINE SWITCH FLYBACK 8DIP

VIPER22ADIP-E





VIPER20ADIP-E

STMicroelectronics IC OFFLINE SWITCH FLYBACK 8DIP



VIPER20BSP

STMicroelectronics



VIPER20ASP

STMicroelectronics

life.augmented

STMicroelectronics

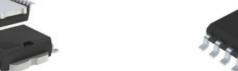


VIPER22A/VIP22A **VIPER20-22-E**

STMicroelectronics IC OFFLIN CONV FLBACK 5PENTAWATT



VIPER22







XINBOLE



IC OFFLINE SW FLBACK 10POWERSO

STMicroelectronics

VIPER22AS-E

IC OFFLINE SWITCH FLYBACK 8SOIC

STMicroelectronics

VIPER22AS

STMicroelectronics IC OFFLINE SWITCH FLYBACK 8SOIC



STMicroelectronics



VIPER20

STMicroelectronics



Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
- > Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference				
Region	Country	Logistic Time(Day)		
America	United States	5		
America	Brazil	7		
	Germany	5		
Europe	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
Oceania	New Zealand	7		
Asia	India	6		
Asia	Japan	7		
Middle East	Israel	6		

DHL & FedEx Shipment Charges Reference				
Shipment charges(KG)	Reference DHL(USD\$)			
0.00kg-1.00kg	USD\$60.00			
1.00kg-2.00kg	USD\$70.00			
2.00kg-3.00kg	USD\$80.00			

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below: Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.











Your Faithful Supply Chain Partner -





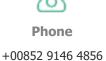


Procurement

















Certifications & Memberships









View More



Copyright © 2012-2023 AllelcoElec.com. All rights reserved.

Contact us Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856 Fax: +00852 3010 8510

Email: info@Allelco.com